

FIG. 1

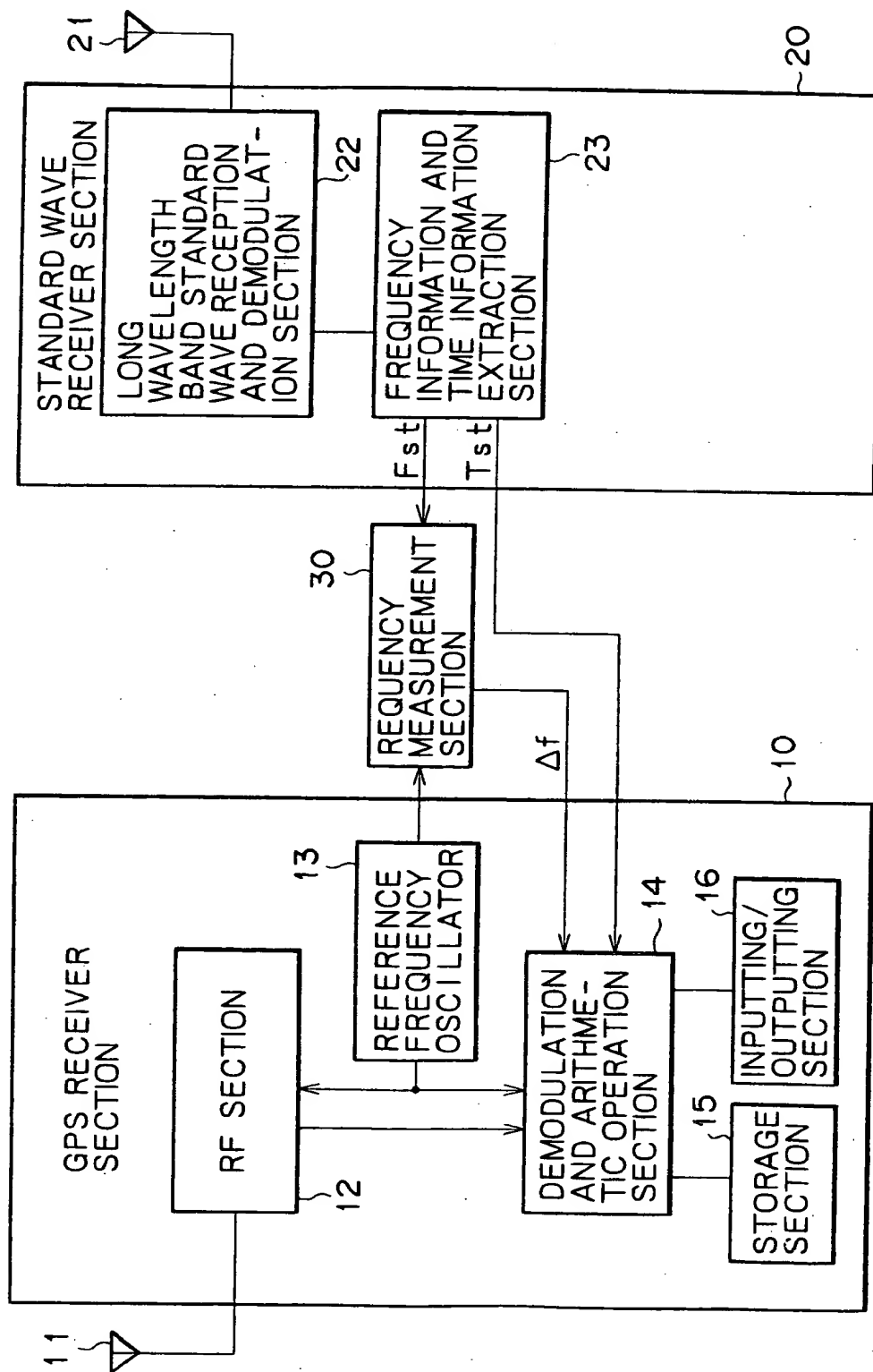
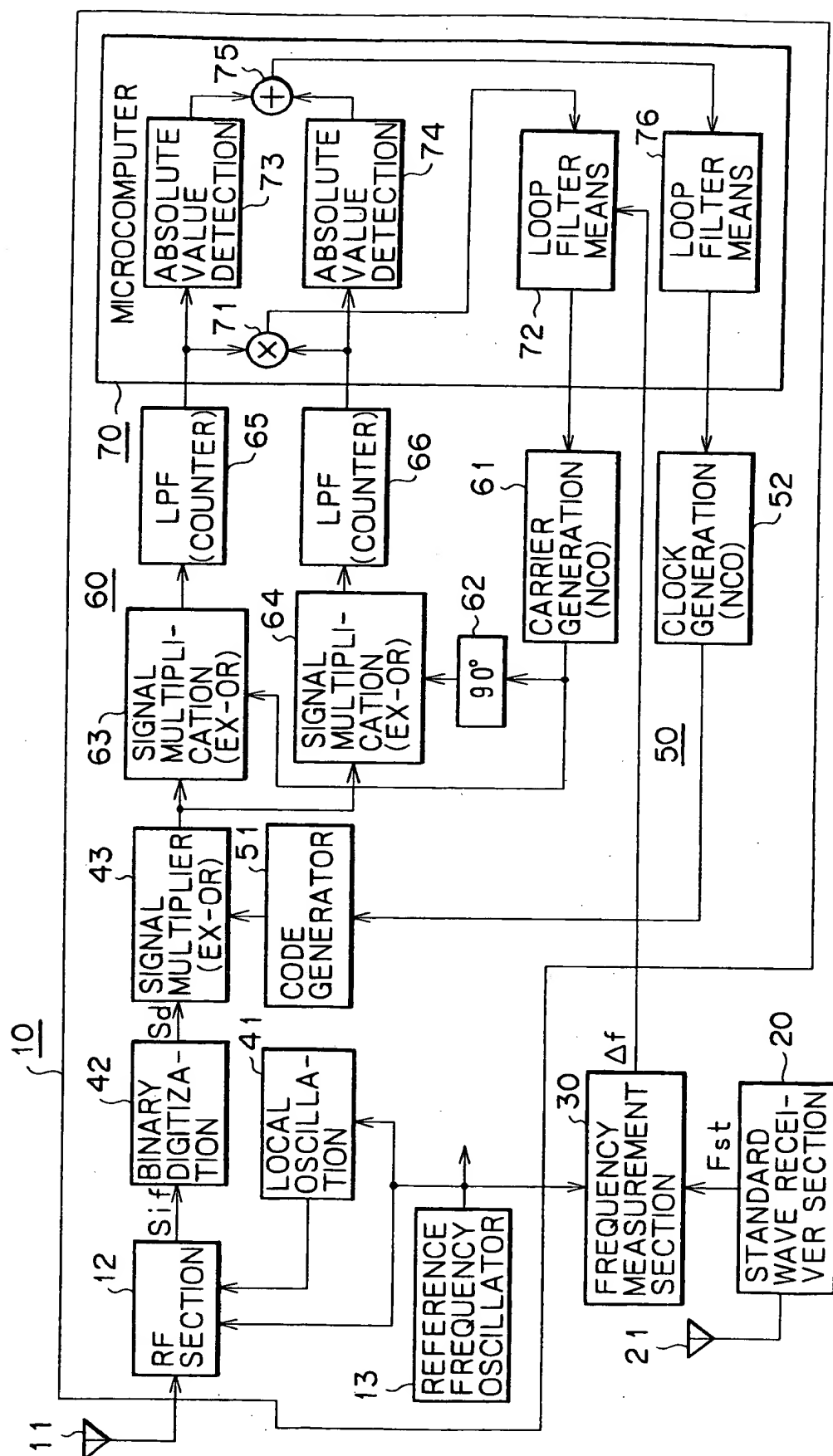


FIG.2

CALL SIGN		JJY (STANDARD FREQUENCY STATION)	
TRANSMITTING STATION		OTAKADOYA MOUNTAIN STANDARD WAVE TRANSMITTING STATION (MIYAKOJI VILLAGE, TAMURA-GUM, FUKUSHIMA-KEN)	NTT NAZAKI RADIO TRANSMITTING STATION (MIWA-CHO, SARUSHIMA-GUM, IBARAGI-KEN)
LATITUDE LONGITUDE		37° 22' N 140° 51' E	36° 11' N 139° 51' E
ANTENNA TYPE		UMBRELLA-SHAPE 250 m HIGH	$\lambda/2$ HORIZONTAL DIPOLE (5.8MHz) $\lambda/2$ HORIZONTAL DIPOLE (10MHz)
ANTENNA POWER		50kW (EFFECTIVE RADIATION POWER 10 kW)	2kW
TYPE OF EMISSION		A1B	AXW
OPERATION TIME		ALWAYS	ALWAYS (EXCEPT 35 TO 39 MINUTES EVERY HOUR)
STANDARD FREQUENCY	CARRIER	40kHz	5MHz, 8MHz, 10MHz
	MODULATION WAVE	1Hz (SECOND SIGNAL)	1Hz (SECOND SIGNAL), 1kHz
	AMPLITUDE OF MODULATION WAVE	MAXIMUM 100% , MINIMUM 10% (EXCEPT DURING TRANSMISSION OF CALL SIGN)	-
STANDARD TIME		JST: CONVENTIONAL UNIVERSAL TIME AS LEAD BY 9 HOURS	
TRANSMISSION TIME OF SECOND SIGNAL		ALWAYS	ALWAYS
MODULATION TIME ACCOR- DING TO LOW FREQUENCY STANDARD		NO	0-5 MINUTES, 10-15 MINUTES, 20-25 MINUTES, 30-35 MINUTES 40-45 MINUTES, 50-55 MINUTES
ACCURACY OF FREQUENCY AND TIME INTERVAL		$\pm 1 \times 10^{-12}$	$\pm 1 \times 10^{-11}$
FROM OF SECOND SIGNAL		MARKS OF 0.2, 0.5, 0.8 SECONDS	8 CYCLES OF 1,600 Hz
DUT1 SIGNAL		NO	BY SPECIAL SECOND SIGNAL OF 1,600 Hz 45 MILLISECOND WIDTH
REMARKS		OPENED ON JUNE 10, 1999 (HEISEI 11)	REVISED ON APRIL 1, 1996 (HEISEI 8) PLANNED TO ABANDON ON MARCH 31, 2001 (HEISEI 13)

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2025 RELEASE UNDER E.O. 14176

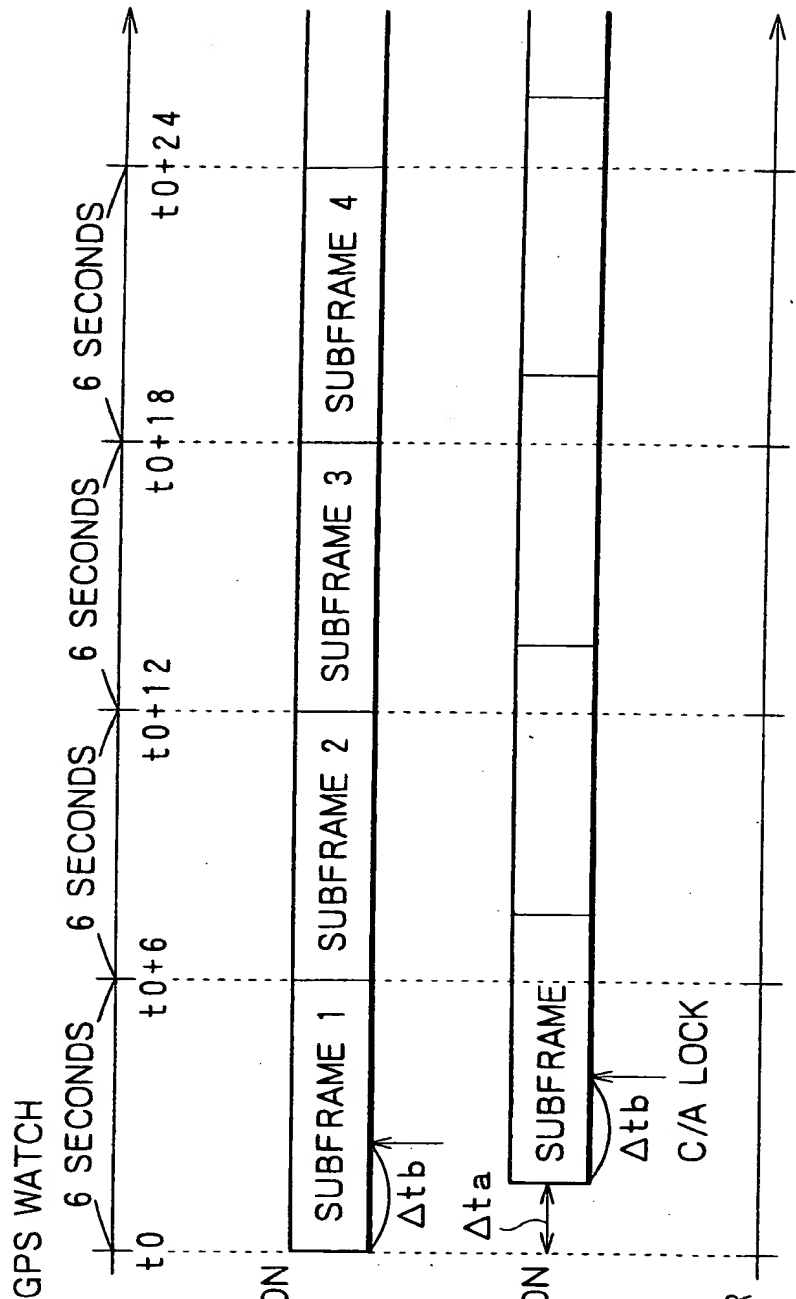


FIG. 4A

FIG. 4B

FIG. 5

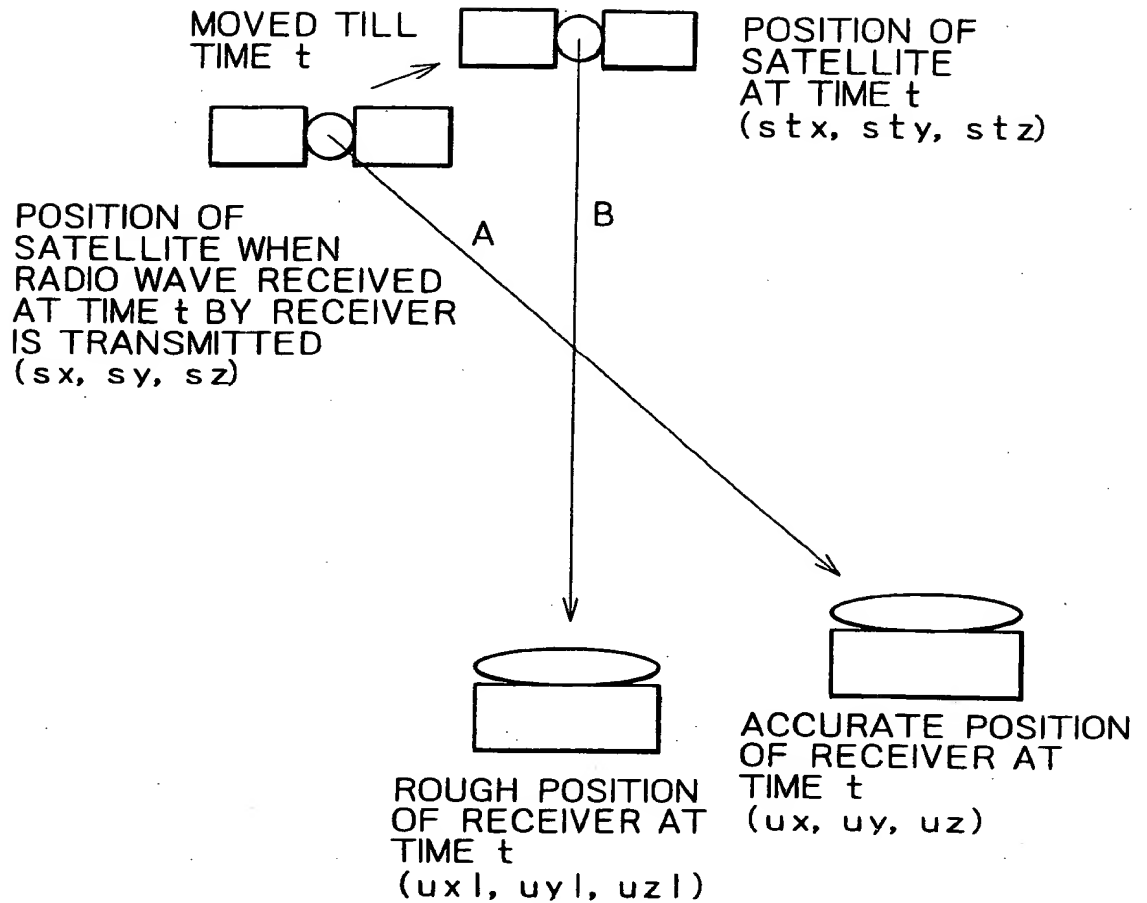


FIG. 6

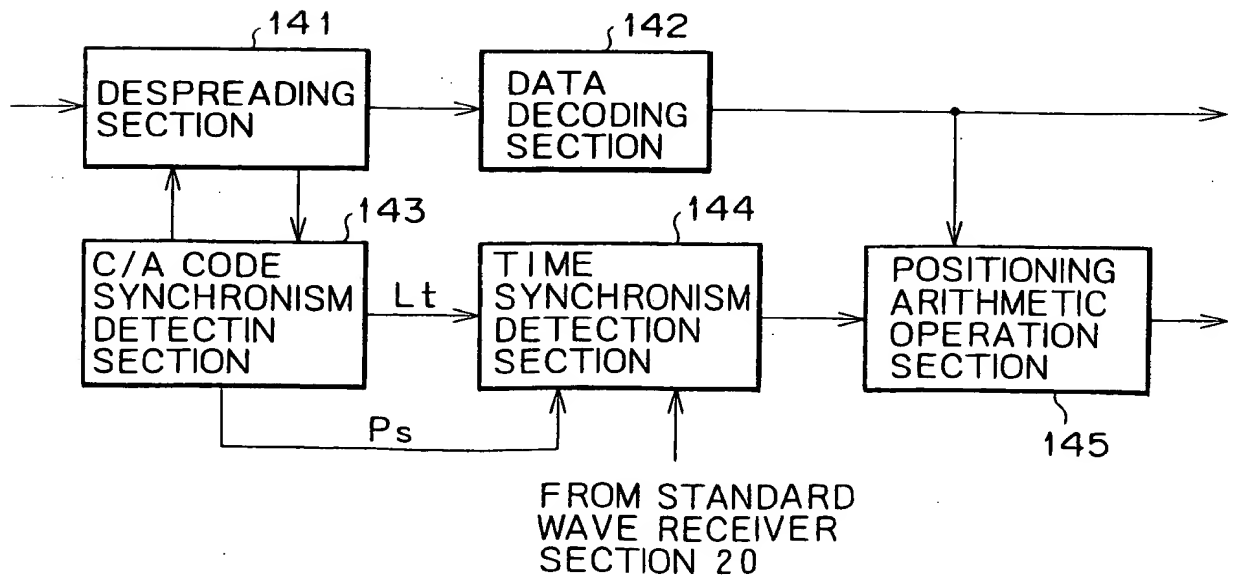


FIG. 7

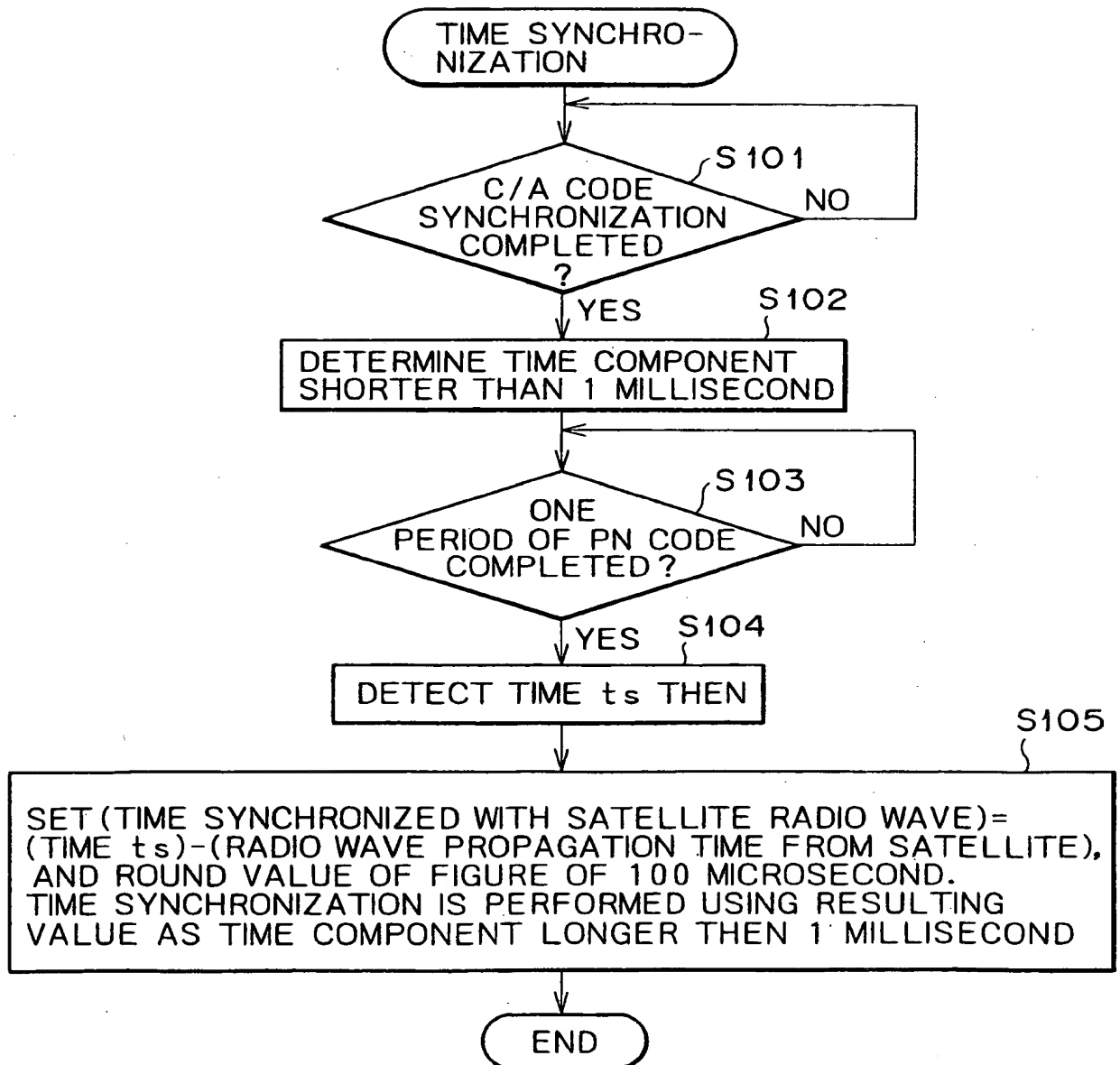


FIG. 8

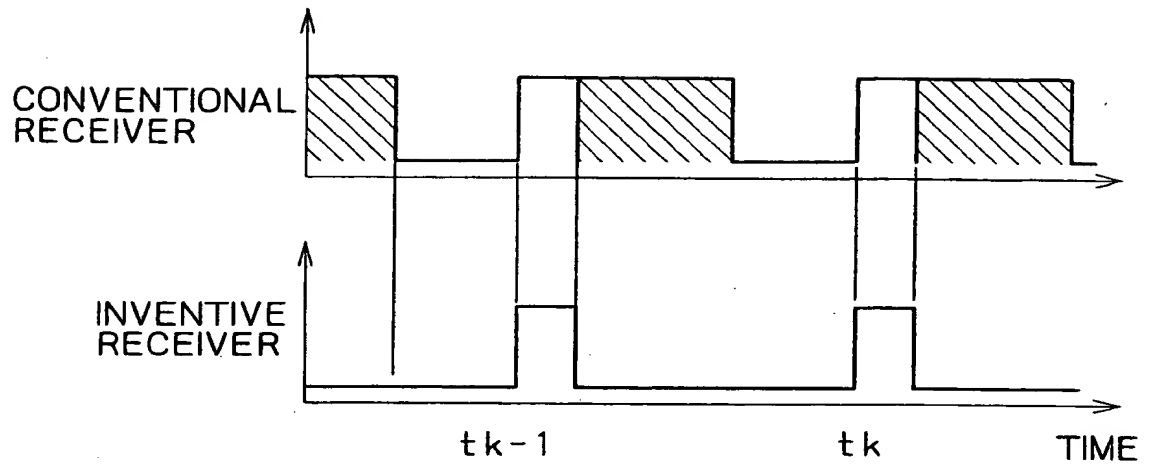


FIG. 9

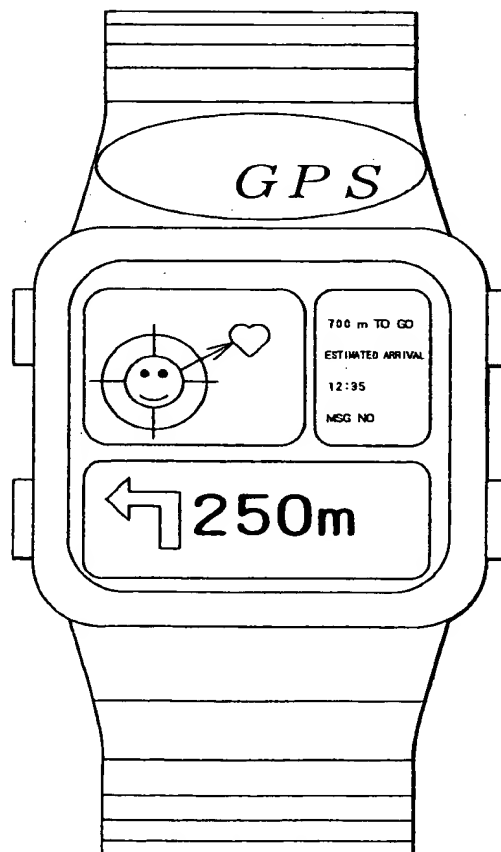


FIG. 10

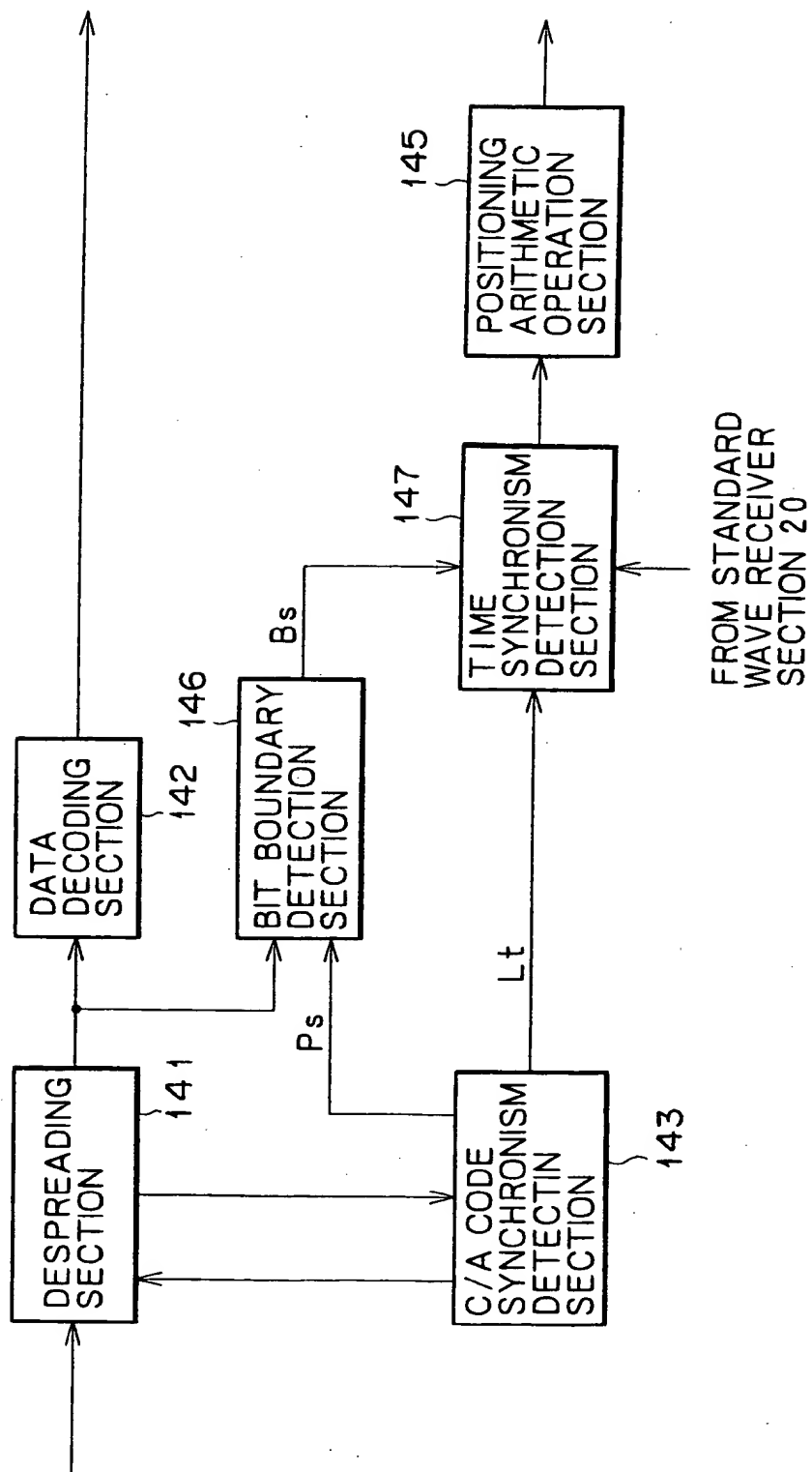


FIG. 11

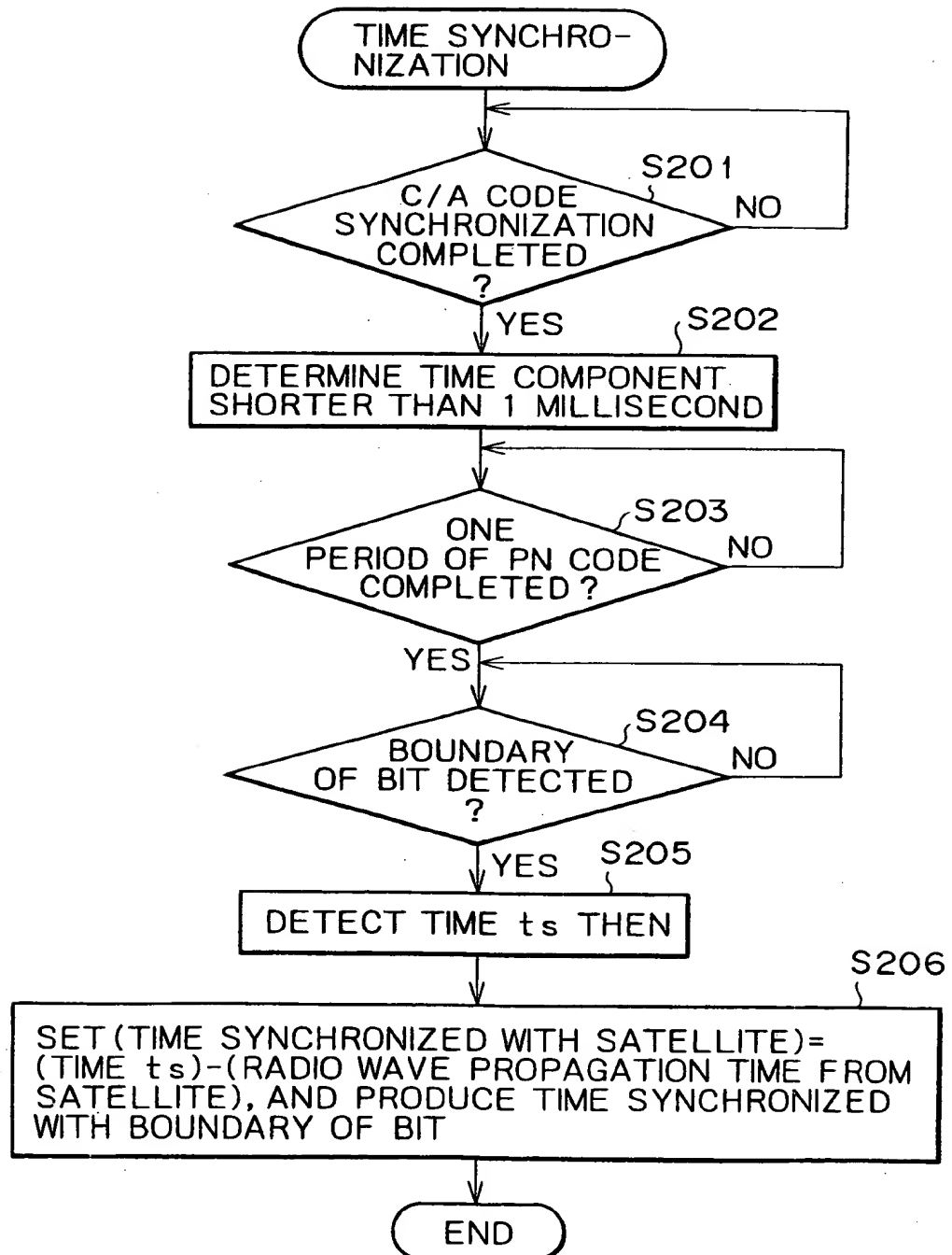


FIG. 12

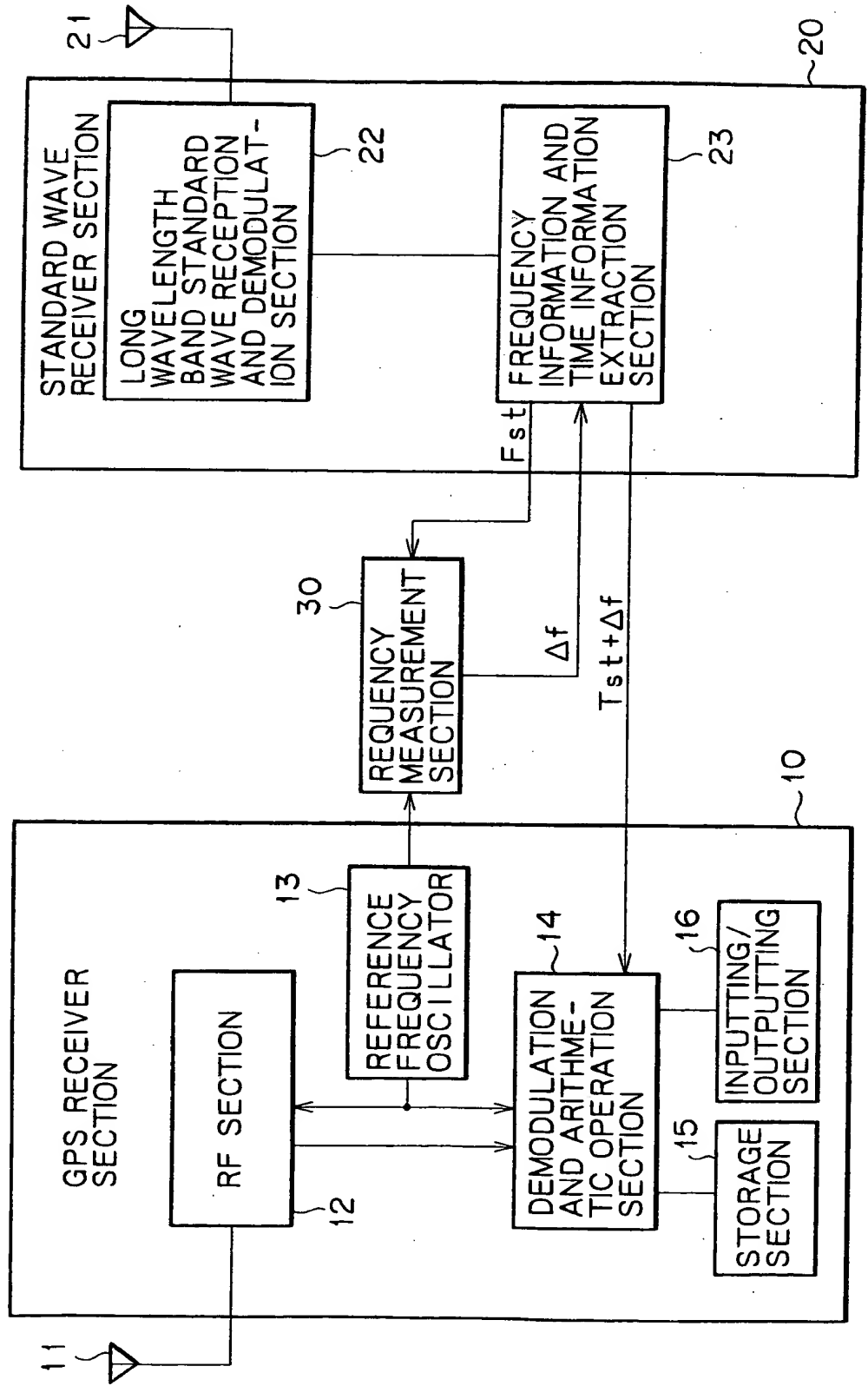


FIG. 13A

C/A CODE

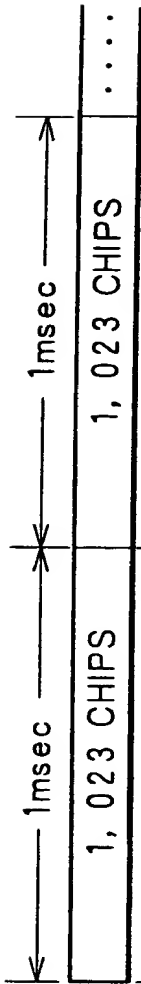


FIG. 13B

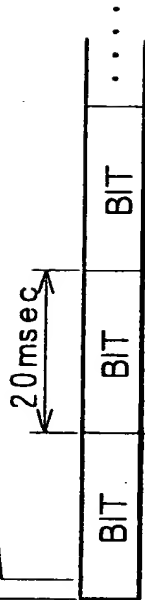


FIG. 13C

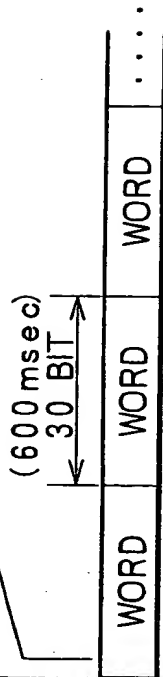


FIG. 13D

6
SECONDS



FIG. 13E

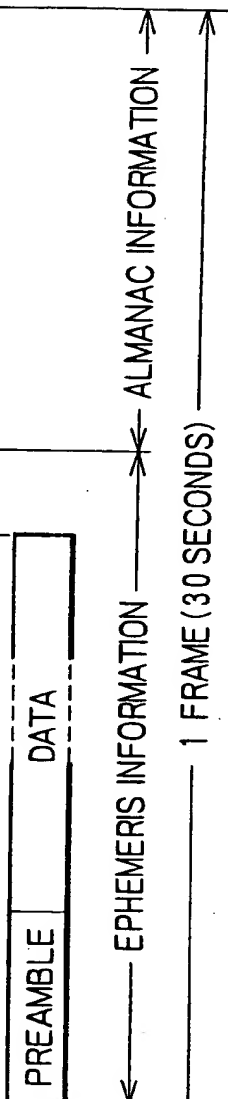


FIG. 14

